

S E C R E T

TO : Secretary, Equipment Board (OC-OS/CTB, Room 2D0114)

FROM: OC-O

REF : OS 64-358

Approve - ☒

Disapprove - ☐

Comments -

S E C R E T

S E C R E T

TO : Secretary, Equipment Board (OC-OS/CTB, Room 2D0114)

FROM: [REDACTED]

REF : OS 64-358

Approve -



Disapprove -



Comments -

S E C R E T

SECRET

TO : Secretary, Equipment Board (OC-OS/CTB, Room 2D0114)

FROM: OC-P

REF : OS 64-358

Approve - ☒

Disapprove - ☐

Comments -

SECRET

S E C R E T

TO : Secretary, Equipment Board (OC-OS/CTD, Room 210114)

FROM: Chief, OC-SPS

REF : OS 64-358

25X1A

approve

~~disapprove~~

~~Comments~~

- *mm*

S E C R E T

~~SECRET~~

S E C R E T

TO : Secretary, Equipment Board (OC-OS/CTB, Room 2D0114)

FROM: [REDACTED]

REF : OS 64-358

Approve



Disapprove



Comments



~~SECRET~~
S E C R E T

TO : Secretary, Equipment Board (OC-QS/CTE, Room 2E0114)

FROM: *Chief, DC-E*

REF : OS 64-358

Approve - *yes*

Disapprove -

Comments -



25X1A

S E C R E T

OPTIONAL FORM NO. 10
5010-104

UNITED STATES GOVERNMENT

Memorandum

OS M64-358

TO : Chairman, Equipment Board

DATE: 30 March 1964

FROM : Chief, Operations Support Staff, OC

SUBJECT: Procurement of New Equipment

1. Board approval for the procurement of the following items and in the quantities stated is requested:

<u>Quantity</u>	<u>Item</u>	<u>Estimated Unit Cost</u>	<u>Estimated Total Cost</u>
150	HG-48 Hand Generator	\$ 350.00	\$52,500.00
20	CK-28 Coder-Keyer	2500.00	50,000.00
25	CK-31 Coder-Keyer	800.00	20,000.00
10	[REDACTED]	1200.00	12,000.00

Grand Total: \$134,500.00

2. The HG-48 is a small, hand crank, 28-volt generator used either to charge 28-volt batteries or to power the RT-48 transmitter on-line. Its dimensions are $4 \frac{7}{8}$ x $2 \frac{1}{2}$ x $1 \frac{7}{8}$ inches; its weight is $2 \frac{1}{2}$ lbs. Although a total of only 110 RT-48 transmitters are being built, an improved version of this transmitter, the RT-59, is now being tested in prototype form and it is reasonably certain that at least 100 of these units will be procured. The HG-48 is compatible with the RT-57 and its BS-57 power supply. Fabrication, except for minor electronics, will be accomplished by an outside firm.

3. The CK-28 is a coder-keyer developed by the laboratory. Its size is $3 \times 5 \frac{1}{4} \times 1 \frac{1}{4}$ inches and its weight is 1 lb. It is therefore approximately one-half the weight and two-thirds the size of the CO-8/KE-8/CA-3 combination. The CK-28 is numerical only and has a storage capacity of [REDACTED]. It is completely solid state, has no moving parts, and is silent in operation. About 75 per-cent of the work on this unit will be done at the OC laboratory.

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Subject: Procurement of New Equipment

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4. The CK-31 is a [REDACTED] coder-keyer. Using many of the same components as the CK-28, it also has no moving parts and is silent in operation. Its size is 2 7/8 x 1 7/8 x 1 inches and its weight is about 6 oz. It allows the user to send a [REDACTED] message. As used in the RS-516, it keys a RT-42 VHF transmitter at 300 wpm. Conventional [REDACTED] receiving equipment is used for reception. It is planned to marry the CK-31 to the 1 cubic inch RT-57 transmitter (service test models of which are due in early May) in order to provide a system substantially smaller in size than the RS-516. About 75 per-cent of the work on this unit will be done at the OC laboratory, the remainder by a local contractor.

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